

**Form EIA-63B, “Annual Photovoltaic Module/Cell
Manufacturers Survey,”
Internet Data Collection (EIA63B-IDC)
User’s Manual**

**June 6, 2005
Updated January 13, 2006**

TABLE OF CONTENTS

1. Overview	1
2. Logon Window	2
2.1. Register for a Userid	3
2.2. Forgot the password?	4
2.3. Frequently Asked Questions	5
2.4. Security and Privacy Statement	6
2.5. User Services Center	7
2.6. CNEAF Help Center	7
3. Applications Survey Window	8
4. Form EIA-63B, Annual Photovoltaic Module/Cell Manufacturers Survey.....	9
4.1. Company Detail Window	12
4.2. Section 1 and 2 tab	13
4.3. Section 3.....	14
4.4. Section 4.1 – 4.6 Tab	15
4.5. Section 4.7 – 4.9 Tab	16
4.6. Section 5 Tab	17
4.7. Section 6.....	18
4.8. Comments	19
4.9. Process Tab	20

TABLE OF FIGURES

Figure 1. SSO Login Window	2
Figure 2. EIA Single Sign-On Registration	3
Figure 3. Forgot Password window	4
Figure 4. Frequently Asked Questions window.....	5
Figure 5. Security and Privacy Statement window	6
Figure 6. Applications Survey Window.....	8
Figure 8. EIA63B Annual Photovoltaic Module/Cell Manufacturers Survey Detail Window	11
Figure 9. EIA63B Company Text Only Detail Window	12
Figure 10. Section 1 and 2 Tab	13
Figure 11. Section 3 Tab.....	14
Figure 12. Section 4.1 – 4.6 Tab.....	15
Figure 13. Section 4.7 – 4.9 Tab.....	16
Figure 14. Section 5 Tab.....	17
Figure 14. Section 6 Tab.....	18
Figure 15. Comments Tab.....	19
Figure 16. Process Tab.....	20
Figure 17. Error Report.....	21

1. Overview

The Form EIA-63B Internet Data Collection (EIA63B-IDC) application is used as a web-based front end for the annual renewable survey Form EIA-63B. It provides an efficient and effective method for receiving respondent data via the Internet. Users of the system are classified into a single type of user called IDC Respondents. After entering all appropriate data, the respondent will submit his / her data. On submission, the EIA database will be immediately updated with the respondent's current cycle data. The application performs three types of data editing. The first type of edit is form validation to prevent incorrect or invalid data and data format. The second type of edit is called tier one edits. These edits are performed at the data field level and do not allow the respondent to leave the data field until the data are correct. Data errors are indicated with an informative message describing the type of error that has been made. The third type of error is called tier two edits. These edits are described in Section 4.9. The application allows users to save partially completed forms and submit their data during the specified time that the survey is open. Also, it gives the user the availability of previewing a printer-friendly version of the on-line submission. When the data are received by EIA, an e-mail notification will be sent to the respondent indicating that his / her submission was successful.

It is used by outside users (Survey Respondents) only in collecting and editing survey data from the annual survey Form EIA-63B, "Annual Photovoltaic Module/Cell Manufacturers Survey." It is developed using PL SQL Version 8.1, Oracle JDeveloper 9.0.4.1.1 and Java Developer Tool Kit Version 1.4.2. It resides on a web application server on the EIA Internet Screen Subnet. The software application is scheduled for production release in January 2006. This is the first release and version 1.0 of the application.

2. Logon Window

To access the SSO logon window, the following URL should be entered into the web browser address box: <https://signon.eia.doe.gov/ssoserver/login>

In order to use the EIA63B-IDC Web application, the respondent must first register and log on to the EIA SSO application. In order to be able to logon, the respondent must receive two e-mails with the logon credentials as well as the link to the application. These e-mails will be developed after the system is released for production and will be included in this document at that point in time. The following links are found on the logon window:


- Register for a Userid
- Forgot the password?
- Frequently Asked Questions
- Security and Privacy Statement
- User Services Center

energy information administration

Welcome to the EIA Single Sign On Login System

EIA-412 Respondents: Due to budgetary constraints, the EIA-412 survey has been suspended by the Energy Information Administration until further notice. If, in the future, you are required to file, you will be notified by EIA.

All Internet Data Collection applications are unavailable from Saturday at 6:00pm until Sunday at 12:00am.



Userid:

Password:

[Register for a Userid](#) | [Forgot your password?](#)

[Frequently Asked Questions](#) | [Security and Privacy Statement](#)

If you experience problems logging on, please call 202-586-8959 or send an email to the [User Services Center](#).

If you experience problems while in a coal or electricity survey form, please call 202-287-1333 or send an email to the [CNEAF Help Center](#).

User Notification

This is a Federal computer system and is the property of the United States Government. Users have no explicit or implicit expectation of privacy.

With the exception of individually identifiable data or information collected exclusively for statistical purposes under a pledge of confidentiality (i.e. data protected from disclosure by the Confidential Information Protection and Statistical Efficiency Act of 2002, Public Law 107-347), in accordance with applicable law any use of this system and all files on this system may be intercepted, monitored, recorded, copied, audited, inspected, and disclosed to authorized site, Department of Energy, and law enforcement personnel, as well as authorized officials of other agencies both domestic and foreign. By using this system, the user consents to lawful interception, monitoring, recording, copying, auditing, inspection, and disclosure at the discretion of authorized site or Department of Energy personnel.

Figure 1. SSO Login Window

2.1. Register for a Userid

This window is used to gather information, which is used to assign the respondent's Single Sign-on credentials. The user will fill this form out and click the Submit button.

The screenshot shows a web browser window titled "EIA SSO Registration - Update Your Account Profile - Microsoft Internet Explorer". The browser's address bar is empty, and the search bar contains "Google". The page header features the EIA logo and the title "EIA Single Sign-On Registration". Below the header, a yellow banner displays "Update Your Account Profile" and the date "Date: 01/05/2006". The main content area is titled "Edit your contact information:" and contains several input fields: "First Name", "Last Name", "Phone Number" (with a dropdown for area code and a hyphen for extension), "Phone Extension", and "Email Address". Below these fields, a section titled "Optional: Enter a new password below and retype it:" includes a "Userid" field with the value "CHANNELE", a "Password" field, and a "Retype Password" field. To the right of the password fields, a list of "Password Rules" is provided: use a minimum of 9 characters, use a special character (!@#\$%^&*), use at least one lowercase letter, use at least one uppercase letter, use at least one numeric character, and do not include the userid in the password. Below the password rules, a paragraph states: "We have compiled a list of commonly used security questions to facilitate remembering your hint answers. After selecting a question, choose a simple answer that you will be able to remember. Don't put punctuation or unusual spacing in the answer; in fact, a one word answer is best. Do not use the password rules in naming your answer." This is followed by a "Security Question" dropdown menu showing "What year were you born?" and a "Your Answer" text field. At the bottom left, a red asterisk indicates that the "Security Question" and "Your Answer" fields are required. At the bottom right, there are "Submit" and "Cancel" buttons. The browser's status bar at the bottom shows "Done" and "Internet".

EIA SSO Registration - Update Your Account Profile - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Address Links Google

EIA Single Sign-On Registration

Update Your Account Profile Date: 01/05/2006

Edit your contact information:

* First Name:

* Last Name:

* Phone Number: () -

Phone Extension:

* Email Address:

Optional: Enter a new password below and retype it:

Userid: CHANNELE

Password:

Retype Password:

Password Rules:

- use a minimum of 9 characters
- use a special character (!@#\$%^&*)
- use at least one lowercase letter
- use at least one uppercase letter
- use at least one numeric character
- do not include the userid in the password

We have compiled a list of commonly used security questions to facilitate remembering your hint answers. After selecting a question, choose a simple answer that you will be able to remember. Don't put punctuation or unusual spacing in the answer; in fact, a one word answer is best. Do not use the password rules in naming your answer.

* Security Question: What year were you born?

* Your Answer:

*** Required**

Submit Cancel

Done Internet

Figure 2. EIA Single Sign-On Registration

2.2. Forgot the password?

This window is used to assign a new password if the original password has been lost or has become unavailable. The user is prompted to answer a secret question that was first determined when he / she was assigned a userid. The user will enter a new password twice following the prescribed formats in the bulleted list below. The user will then click on the Logon button.

energy information administration

Password Help

Logon Name: CHANNELE

Question: What year were you born?

Answer:

Enter a New Password:

Re-enter New Password:

Password Rules

- Use a minimum of 9 characters.
- Use a special character (!@#\$\$%^&*).
- Use at least one lower case letter.
- Use at least one numeric character.
- Use at least one upper case letter.
- Do not include the userid in the password.

Figure 3. Forgot Password window

2.3. Frequently Asked Questions

This window contains frequently asked questions about the EIA web application and provides answers to those questions.

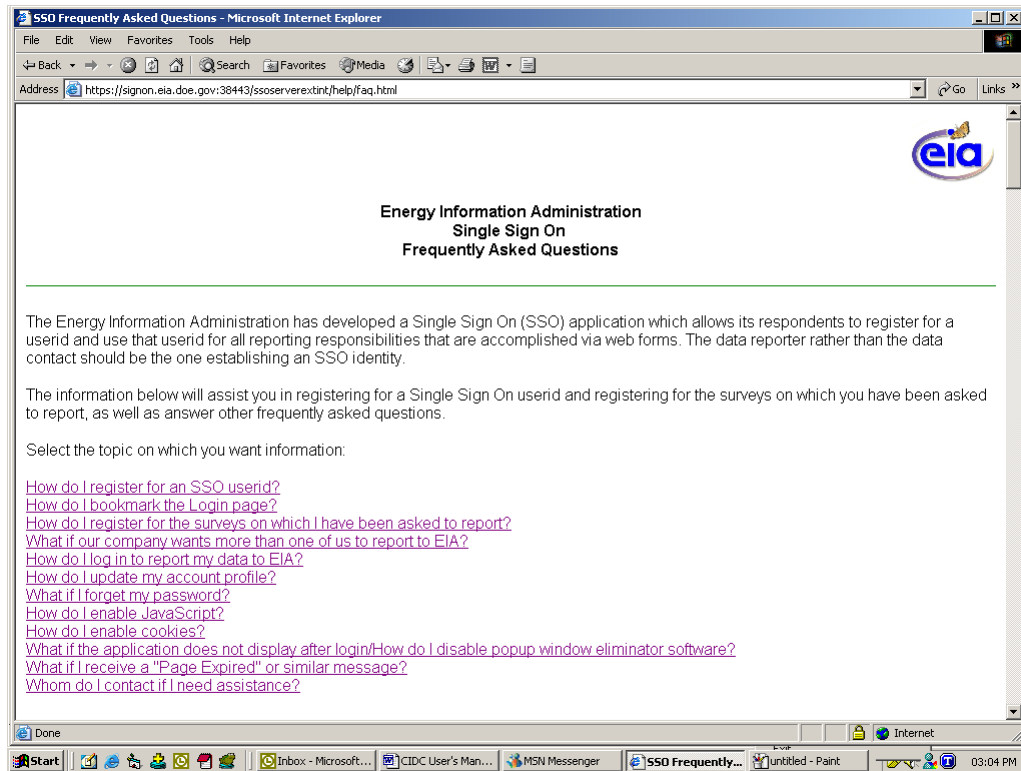


Figure 4. Frequently Asked Questions window

2.4. Security and Privacy Statement

This page contains a security notice and the website privacy policy. We request that the user read all sections to become familiar with security and privacy relating to this website.

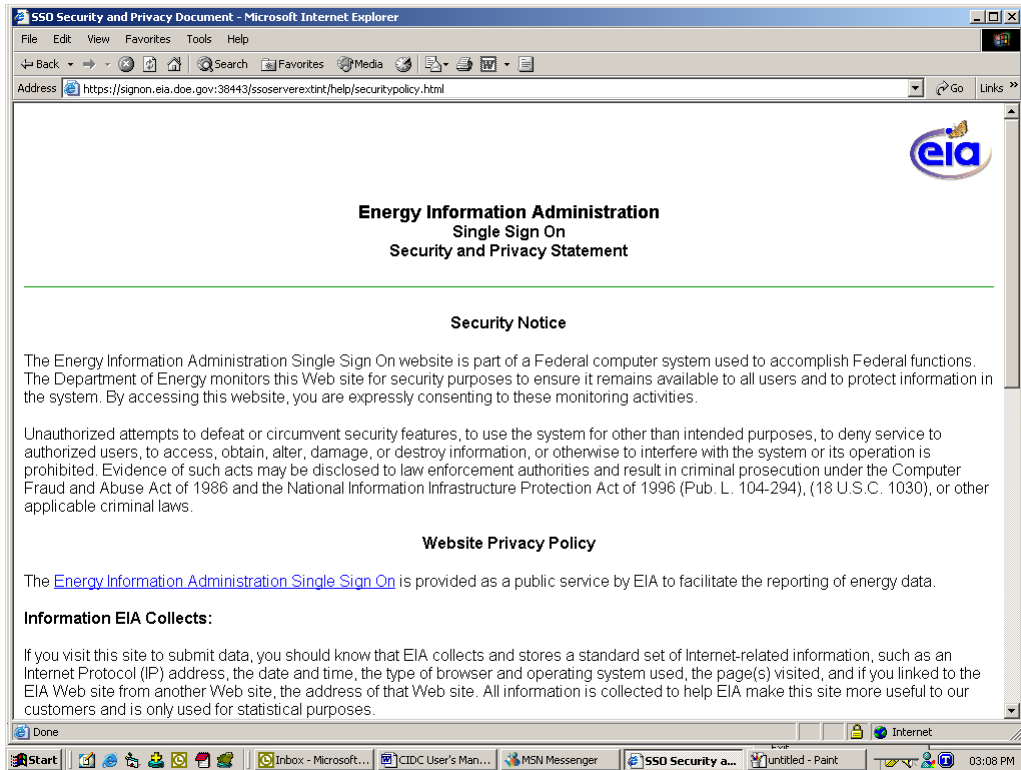


Figure 5. Security and Privacy Statement window

2.5. User Services Center

The respondent will click on this link to send e-mail to the User Services Center. The e-mail subject should be about web-related difficulties or questions and answers not found in the Frequently Asked Questions page. Any other matters not related to the website should not be directed through this e-mail address.

2.6. CNEAF Help Center

The user will click on this link if he / she has specific survey data issues such as a question or problems, including permissions to access specific surveys.

3. Applications Survey Window

The Applications Survey window displays a list of all reports available, including the EIA63B-IDC application. Also available are links for adding coal, nuclear and other survey reporting capability, updating the respondent's account profile and changing the respondent's password.

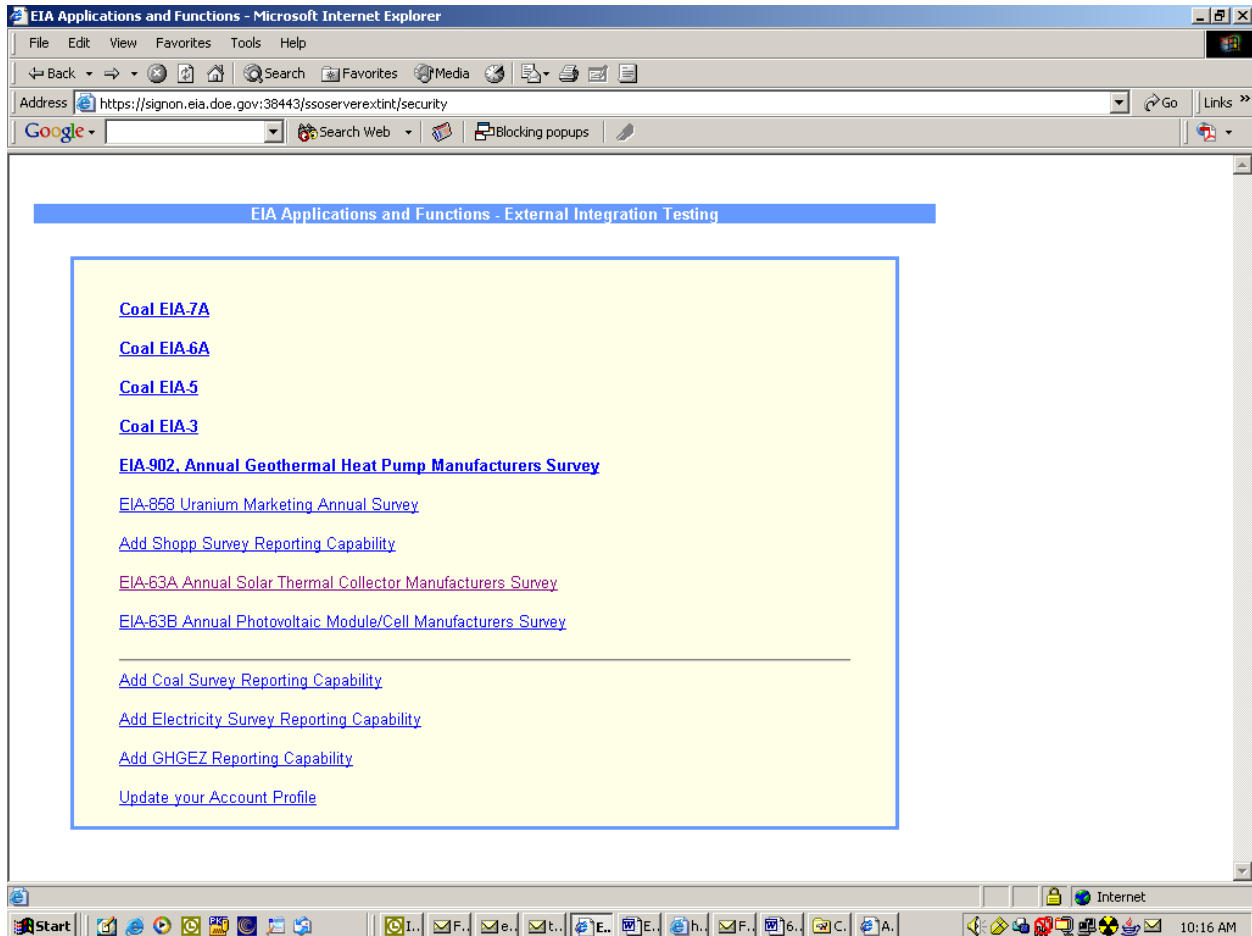


Figure 6. Applications Survey Window

4. Form EIA-63B, Annual Photovoltaic Module/Cell Manufacturers Survey.

The Annual Photovoltaic Module/Cell Manufacturers Survey main window contains several areas that will be explained.

1. There is a popup menu as displayed in Figure 7. To access this popup window, the respondent may use the mouse pointer to move over the report name link (i.e. Select COMPANY) or the picture(s) on the left side of the window to cause the popup menu to appear as in Figure 8. The respondent can then see the Company. The respondent can click on any of the COMPANY links to access the detail of the form.
2. The Division Director's latest notice regarding the renewable surveys can be found in the middle of the page.
3. To read instructions regarding filling out the survey, click the instructions link in the lower right corner of the screen. A window will appear containing instructions on filling out the form.
4. To submit feedback regarding the Web site, click the Feedback link at the bottom center of the window. A feedback box will appear allowing the user to submit feedback text.
5. To update the user profile, click the link below the Welcome message.
6. To view a text only version of the Company ID List, click the "Text only Company Id list" link. (Figure 9)



Figure 7. EIA63B Annual Photovoltaic Module/Cell Manufacturers Survey Main Window



Figure 8. EIA63B Annual Photovoltaic Module/Cell Manufacturers Survey Detail Window

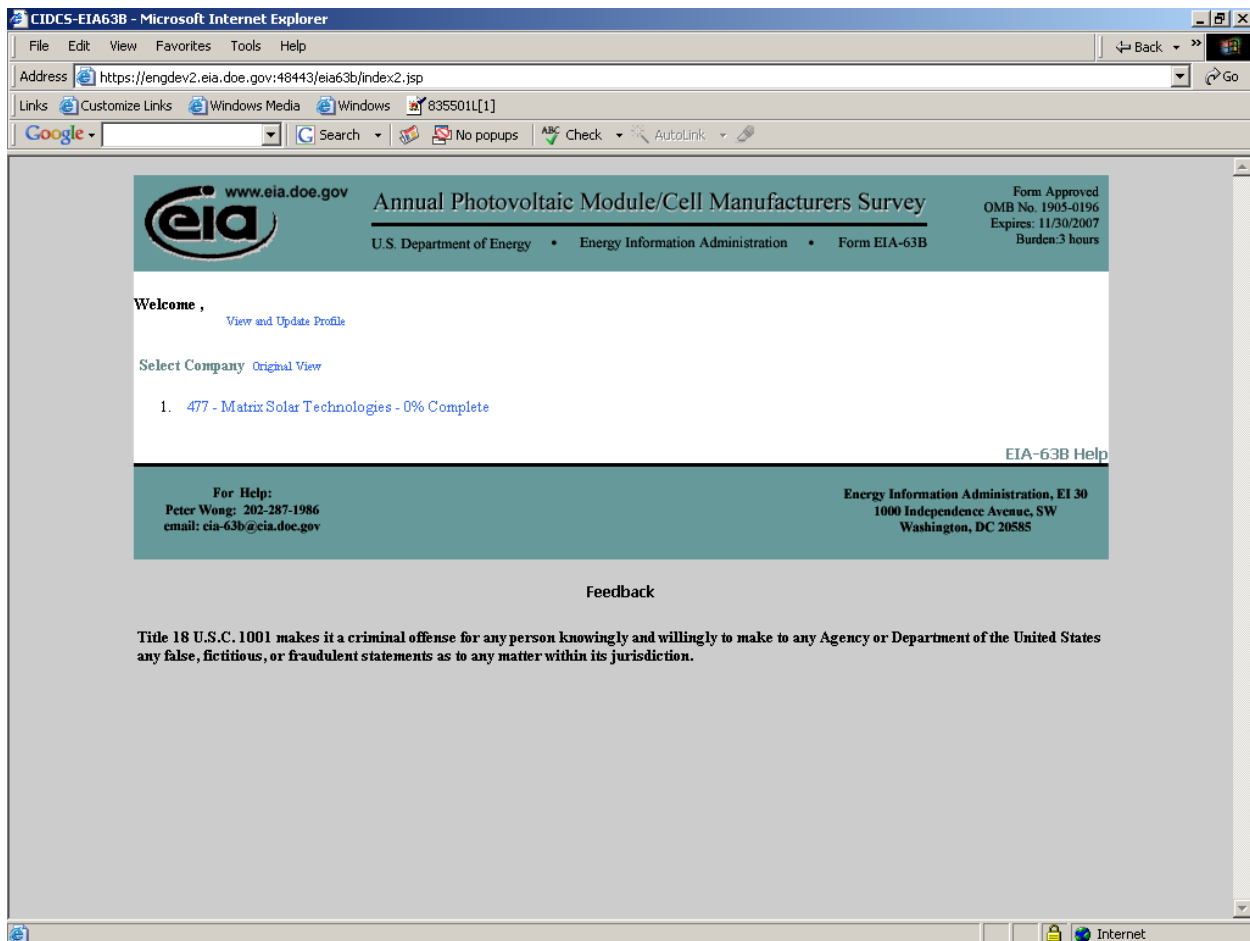


Figure 9. EIA63B Company Text Only Detail Window

4.1. Company Detail Window

After clicking on a Company, the Section 1 and 2 Page will appear (see Figure 10). This page contains all the data elements in section 1 and section 2 of the form.

This page contains tabs to access different sections of the form. Figure 10 shows the upper portion of the form. If the respondent's computer screen setting does not allow for a view of the entire form section on a single screen, the respondent can use the scrollbar located on the right side of the window to scroll down to the end of the displayed window. These tabs correspond to the areas found on the printed version of the form. If a certain section is not required for a particular operation, that portion of the form will be read-only and shaded. A glossary is available for keywords in the form. Each keyword is highlighted in blue. To access the glossary, the user will move the mouse over the blue text. The text will turn red and an underline will appear beneath the text. The user will click on the text and a window will appear explaining the meaning. Each page has a link to go back to the main report page and link for form instructions.

4.2. Section 1 and 2 tab

The user will enter all the information pertinent to the company manufacturing status. If the company address information needs to be updated, the user will click on the link indicated. The company address link is available by clicking on the Update Company Info link in the header of each section.

www.eia.doe.gov Annual Photovoltaic Module/Cell Manufacturers Survey
U.S. Department of Energy • Energy Information Administration • Form EIA-63B

Form Approved
OMB No. 1905-0196
Expires: 11/30/2007
Burden: 3 hours
Home

Sections 1 & 2 Section 3 Section 4.1-4.6 Section 4.7-4.9 Section 5 Section 6 Comments Process

Year	Company Id	Company Name	Attention
2003	477	Matrix Solar Technologies	<input type="button" value="Save"/>

Section 1. Company Identification

Company Name: Matrix Solar Technologies

Address: 540 A Silver Creek NW

City, State, Zip: Albuquerque, New Mexico 87121

Please contact Peter.Wong@eia.doe.gov to change company name.

Section 2. Manufacturing Status

Please refer to the "definitions" section in the instructions for key words

2.1 During the current reporting period, did your company:

a. Manufacture and ship photovoltaic modules/cells?

b. Cease manufacturing but continue to ship photovoltaic modules/cells?

c. Import and ship photovoltaic modules/cells?

d. Manufacture and export photovoltaic modules/cells?

2.2 If you answered "No" to ALL parts of question 2.1, do you plan to manufacture, import, export, and ship photovoltaic modules/cells in the future?

If Yes, when? (enter year)

Note: If you answered "Yes" to any part of question 2.1, please continue with your submission.

Figure 10. Section 1 and 2 Tab

4.3. Section 3.

The user will enter or indicate all pertinent manufacturer and marketing data information for the company. See Figure 11 for details.

The screenshot shows a web browser window titled "EIA63B - Microsoft Internet Explorer" displaying the "Annual Photovoltaic Module/Cell Manufacturers Survey" form. The browser's address bar shows the URL "https://signon.eia.doe.gov:39443/eia63b/eia63b_form2.jsp". The form header includes the EIA logo, the title "Annual Photovoltaic Module/Cell Manufacturers Survey", and the U.S. Department of Energy logo. It also mentions "Form Approved OMB No. 1905-0196 Expires: 3/31/2005 Burden: 3 hours" and a "Home" link. The navigation bar shows tabs for "Sections 1 & 2", "Section 3", "Section 4.1-4.6", "Section 4.7-4.9", "Section 5", "Section 6", "Comments", and "Process". Below the navigation bar, a table contains the following information: Year (2003), Company Id (477), Company Name (Matrix Solar Technologies), and a "Save" button. The main content area is titled "Section 3.0 Manufacturer and Marketing Data". It contains three sections: 3.1 Check the appropriate box or boxes to indicate all the solar-related in which your company was engaged during the survey year. Mark only those that apply to your solar activities. 3.2 If you are planning to introduce a new photovoltaic-related product in the next calendar year, please check the appropriate box. 3.3 Please enter the number of person-years expended in your company in photovoltaic-related activities during the survey year. (Please enter person-years, for clarification of "person-year" see the instructions.) The form also includes a footer with contact information for Data Submission Help, Energy Information Administration, and Technical Problems.

www.eia.doe.gov Annual Photovoltaic Module/Cell Manufacturers Survey
U.S. Department of Energy • Energy Information Administration • Form EIA-63B
Form Approved OMB No. 1905-0196 Expires: 3/31/2005 Burden: 3 hours Home

Sections 1 & 2 Section 3 Section 4.1-4.6 Section 4.7-4.9 Section 5 Section 6 Comments Process

Year	Company Id	Company Name	Update Company Info	Save
2003	477	Matrix Solar Technologies		

Section 3.0 Manufacturer and Marketing Data

3.1 Check the appropriate box or boxes to indicate all the solar-related in which your company was engaged during the survey year. Mark only those that apply to your solar activities.

- a. ☒ Cell Manufacturing
- b. ☒ Module or system design
- c. ☒ Prototype module development
- d. ☒ Prototype systems development
- e. ☒ Wholesale distribution of modules
- f. ☒ Retail distribution of modules
- g. ☒ Installation
- h. ☒ Manufacture of system components-other than those used for module assembly
- i. ☒ Other (describe) _____

3.2 If you are planning to introduce a new photovoltaic-related product in the next calendar year, please check the appropriate box.

- a. ☒ Single-crystal silicon modules/cells
- b. ☒ Cast silicon modules/cells
- c. ☒ Ribbon silicon modules/cells
- d. ☒ Amorphous silicon modules/cells
- e. Other (thin-film)-specify _____
- f. Other (flat-plate)-specify _____
- g. Other (Concentrator)-specify _____
- h. Nonmodule system components-specify _____

3.3 Please enter the number of person-years expended in your company in photovoltaic-related activities during the survey year. (Please enter person-years, for clarification of "person-year" see the instructions.)

30

EIA-63B Help

For Data Submission Help:
phone: 202-287-1986
email: Peter.Wong@eia.doe.gov

Energy Information Administration, EI 30
1000 Independence Avenue, SW
Washington, DC 20585

For Technical Problems:
phone: 202-287-1333
email: eiahelpcenter@eia.doe.gov

Figure 11. Section 3 Tab

4.4. Section 4.1 – 4.6 Tab

The respondent will enter all information pertaining to the company's solar thermal collector as listed in Figure 12. This tab corresponds to Section 4 of the form, questions 4.1 through 4.6.

The screenshot shows the EIA63B form in a Microsoft Internet Explorer browser window. The form is titled "Annual Photovoltaic Module/Cell Manufacturers Survey" and is part of the "Form EIA-63B" series. The user is currently viewing Section 4.0, "Photovoltaic Cell and Module Shipment Data". The form includes a navigation bar with sections 1 & 2, 3, 4.1-4.6, 4.7-4.9, 5, 6, Comments, and Process. The user's information is displayed as Year 2003, Company ID 477, and Company Name Matrix Solar Technologies. The form is divided into several sections for data entry:

4.0 Photovoltaic Cell and Module Shipment Data

For each type of collector manufactured or imported, and shipped enter the data for this reporting period.

Item	Crystalline Silicon					Thin Film		Concentrator (f)	Other (Specify) (g)	Total (h)
	Single Crystal (Cadevalsky) (a)	Cell (b)	Ribbon (c)	Amorphous Silicon (d)	Other (Specify) (e)					
4.1 Total Collector Shipments (in peak kilowatts)										
(1) Total net module shipments	1	1	1	1	1	1	1	1	1	7
(2) Total net cell shipments	1	1	1	1	1	1	1	1	1	7
(3) Total quantity of shipments	2	1	1	1	1	1	1	1	1	8
4.2 Value of Shipments (dollars)										
(1) Value of module shipments	1	1	1	1	1	1	1	1	1	7
(2) Value of cell shipments	1	1	1	1	1	1	1	1	1	7
(3) Total value of shipments	1	1	1	1	1	1	1	1	1	7
4.3 End Use (in peak kilowatts)										
(1) Health	1	1	1	1	1	1	1	1	1	7
(2) Water Pumping	1	1	1	1	1	1	1	1	1	7
(3) Transportation	1	1	1	1	1	1	1	1	1	7
(4) Communication	1	1	1	1	1	1	1	1	1	7
(5) Consumer Goods	1	1	1	1	1	1	1	1	1	7
(6) Electricity generation										
(a) Grid Interactive	1	1	1	1	1	1	1	1	1	7
(b) Other remote (stand alone)	1	1	1	1	1	1	1	1	1	7
(7) To original equipment manufacturers (non-PV)	1	1	1	1	1	1	1	1	1	7
(8) Other users (specify):	1	1	1	1	1	1	1	1	1	7
(9) Total end use*	113	115	115	115	115	115	115	115	115	803
4.4 Market Sector (in peak volume)										
(1) Government	1	1	1	1	1	1	1	1	1	7
(2) Residential	1	1	1	1	1	1	1	1	1	7

Figure 12. Section 4.1 – 4.6 Tab

4.5. Section 4.7 – 4.9 Tab

The respondent will enter all pertinent information on solar collectors manufactured by the company, including country(ies) of origin, country(ies) of destination for exports and peak kilowatt hours of cells and modules from Section 4.1 which were shipped.

Annual Photovoltaic Module/Cell Manufacturers Survey
U.S. Department of Energy • Energy Information Administration • Form EIA-63B

Form Approved
OMB No. 1905-0196
Expires: 3/31/2005
Burden: 3 hours
Home

Sections 1 & 2 Section 3 Section 4.1-4.6 **Section 4.7-4.9** Section 5 Section 6 Comments Process

Year: 2003 Company ID: 477 Company Name: Matrix Solar Technologies [Update Company Info](#) [Save](#)

4.7 List Countries of Origin of Imports in 4.5
(Square Feet)

Date?	Country Name	Imported
1. <input type="checkbox"/>	Anguilla	1,111
2. <input type="checkbox"/>	Armenia	1,111
Total:		2,222

[Delete](#) [Save](#) [Add](#) 1

4.8 List Countries of Destination for Exports in 4.6
(Square Feet)

Date?	Country Name	Exported
1. <input type="checkbox"/>	Anguilla	5,555
2. <input type="checkbox"/>	Armenia	5,555
Total:		11,110

[Delete](#) [Save](#) [Add](#) 1

4.9 Enter the quantity (in peak kilowatts) of cells and modules reported in 4.1(h) and 4.1 (2)(h) that were shipped to

	Modules (from 4.1(1)(h))	Cells (from 4.1(2)(h))
(a) Exporters		
(b) Module Manufacturers		
(c) Wholesale Distributors	4,000	
(d) Retail Distributors		
(e) Installers		

Figure 13. Section 4.7 – 4.9 Tab

4.6. Section 5 Tab

The respondent will enter the data requested on Section 5 of the form for the company as represented by Figure 14.

The screenshot shows a Microsoft Internet Explorer browser window displaying the EIA-63B survey form. The address bar shows the URL: https://signon.eia.doe.gov:38443/eia63b/eia63b_form5.jsp. The page title is "Annual Photovoltaic Module/Cell Manufacturers Survey". The header includes the EIA logo, the U.S. Department of Energy, and the Energy Information Administration. The form is for Form EIA-63B, approved by OMB No. 1905-0196, expiring 3/31/2005, with a burden of 3 hours. The "Section 5" tab is selected, showing the "5.0 Systems Data" section. The form contains three questions: 5.1 (number of complete systems shipped), 5.2 (peak kilowatts sold as part of complete systems), and 5.3 (value of complete systems shipped in dollars). Each question has a corresponding input field. The footer provides contact information for data submission help, technical problems, and the Energy Information Administration.

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U.S. Department of Energy • Energy Information Administration • Form EIA-63B

Form Approved
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Expires: 3/31/2005
Burden: 3 hours
[Home](#)

Sections 1 & 2 Section 3 Section 4.1-4.6 Section 4.7-4.9 **Section 5** Section 6 Comments Process

Year	Company Id	Company Name	Update Company Info	Save
2003	477	Matrix Solar Technologies		

5.0 Systems Data

5.1 Of the total modules shipped in 4.1 (1)(h)(i), how many complete systems were shipped (number of systems)

5.2 Of the modules shipped in 4.1 (1)(h), enter the peak kilowatts that were sold as part of complete systems (kilowatts)

5.3 What was the value of complete systems shipped in question 5.1 (dollars)?

[EIA-63B Help](#)

For Data Submission Help:
phone: 202-287-1986
email: Peter.Wong@eia.doe.gov

Energy Information Administration, EI 30
1000 Independence Avenue, SW
Washington, DC 20585

For Technical Problems:
phone: 202-287-1333
email: cncahelpcenter@eia.doe.gov

Figure 14. Section 5 Tab

The respondent will enter the data requested on Section 6 of the form for the company as represented by Figure 15.

Figure 14. Section 6 Tab

4.8. Comments

The user will enter any comments he / she feels will clarify entries the user has made.

The screenshot shows the EIA-63B Annual Photovoltaic Module/Cell Manufacturers Survey form in Microsoft Internet Explorer. The browser's address bar shows the URL: https://signon.eia.doe.gov:38443/eia63b/eia63b_form7.jsp. The form is titled "Annual Photovoltaic Module/Cell Manufacturers Survey" and is part of the "Form EIA-63B" series. It is approved by OMB No. 1905-0196, expires 3/31/2005, and has a burden of 3 hours. The form is divided into sections: Sections 1 & 2, Section 3, Section 4.1-4.6, Section 4.7-4.9, Section 5, Section 6, Comments, and Process. The "Comments" tab is currently selected. Below the tabs, there is a table with the following information:

Year	Company Id	Company Name	
2003	477	Matrix Solar Technologies	Update Company Info

Below the table, there is a "Comments:" label and a large text area for user input. A "Save" button is located to the right of the text area. At the bottom of the form, there is a footer with contact information for data submission help, the Energy Information Administration, and technical problems.

For Data Submission Help:
phone: 202-287-1986
email: Peter.Wong@eia.doe.gov

Energy Information Administration, EI 30
1000 Independence Avenue, SW
Washington, DC 20585

For Technical Problems:
phone: 202-287-1333
email: eiahelpcenter@eia.doe.gov

Figure 15. Comments Tab

4.9. Process Tab

The process tab (Figure 16) is the location where the respondent can submit the final form. There are several sections worth mentioning on this tab. By clicking the Preview link, the respondent can view a printable version of the complete form. After previewing the report, the respondent can print the form by selecting File and then Print from the browser's tool bar. There is also a link for errors. By clicking on the Errors link a new window is opened, allowing the respondent to view data errors in the submission. An example error log is shown in Figure 17.

To submit the complete report, the respondent clicks the Process button on the upper left side of the window. After submission, the respondent will receive acknowledgement e-mail from EIA, indicating that the data have been received. The application will then return to the main window. After opening the Company pop up window, the percentage of completion for this form should show 100 percent. The form has been completed and the respondent may exit the application or continue filling out additional forms for other Company Ids.

EIA63B - Process - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Reload Search Favorites Media Print Mail

Address https://signon.eia.doe.gov:38443/eia63b/eia63b_form8.jsp Go Links Customize Links Windows Media Windows

Google Search Web Blocking popups

www.eia.doe.gov **Annual Photovoltaic Module/Cell Manufacturers Survey**

U.S. Department of Energy • Energy Information Administration • Form EIA-63B

Form Approved
OMB No. 1905-0196
Expires: 3/31/2005
Burden: 3 hours
[Home](#)

Sections 1 & 2 Section 3 Section 4.1-4.6 Section 4.7-4.9 Section 5 Section 6 Comments **Process**

Year	Company Id	Company Name	Update Company Info	<input type="button" value="Save"/>
2003	477	Matrix Solar Technologies		

[Click Here to review a printable version.](#)

[Click Here to review edits](#)
There are **266** edits in this submission. This submission will not be processed until all edits have been resolved or an explanation is provided.

Send current data to the Energy Information Administration. Only one submission per Company id will be accepted. Please contact Peter Wong, Survey Manager at Peter.Wong@eia.doe.gov or 202-287-1986 for any revisions or questions about this submission.

[EIA-63B Help](#)

For Data Submission Help:
phone: 202-287-1986
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Energy Information Administration, EI 30
1000 Independence Avenue, SW
Washington, DC 20585

For Technical Problems:
phone: 202-287-1333
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Figure 16. Process Tab

EIA-63B Edit Log - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Search Favorites Media Print Copy Paste Blocking popups

Google Search Web

www.eia.doe.gov **Annual Photovoltaic Module/Cell Manufacturers Survey** [Close Edit Log](#)

Form Approved
OMB No. 1905-0196
Expires: 3/31/2005
Burden: 3 hours

Year	Company Id	Company Name
2003	477	Matrix Solar Technologies

EIA-63B Edit Report

Edit 1: Cell Shipments: Column (b) is not within 50% of previous year data. **Current Value:** 1

☐ Click here to override the above edit.

Edit 2: Cell Shipments: Column (f) is not within 50% of previous year data. **Current Value:** 1

☐ Click here to override the above edit.

Edit 3: Cell Shipments: Column (d) is not within 50% of previous year data. **Current Value:** 1

☐ Click here to override the above edit.

Edit 4: Cell Shipments: Column (e) is not within 50% of previous year data. **Current Value:** 1

☐ Click here to override the above edit.

Figure 17. Error Report